

FIG. 1

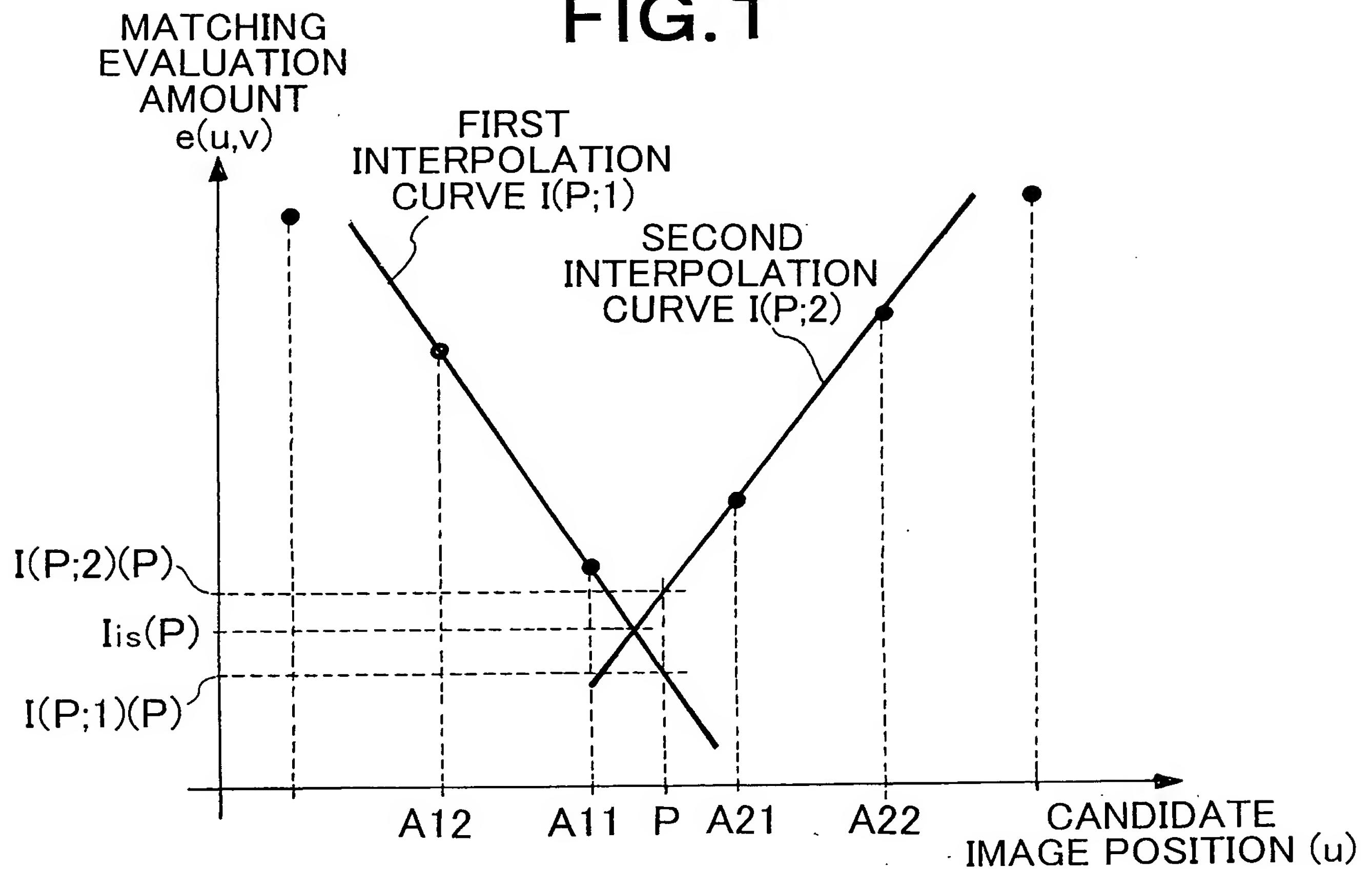


FIG.2

1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
				2	2	2	
1	1	1	1	2	①	2	1
				2	2	2	
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1
1	1	1	1	1	1	1	1

- 1 : FIRST STEP MATCHING CANDIDATE
①: FIRST STEP MATCHING RESULT
2 : SECOND STEP MATCHING CANDIDATE

FIG.3

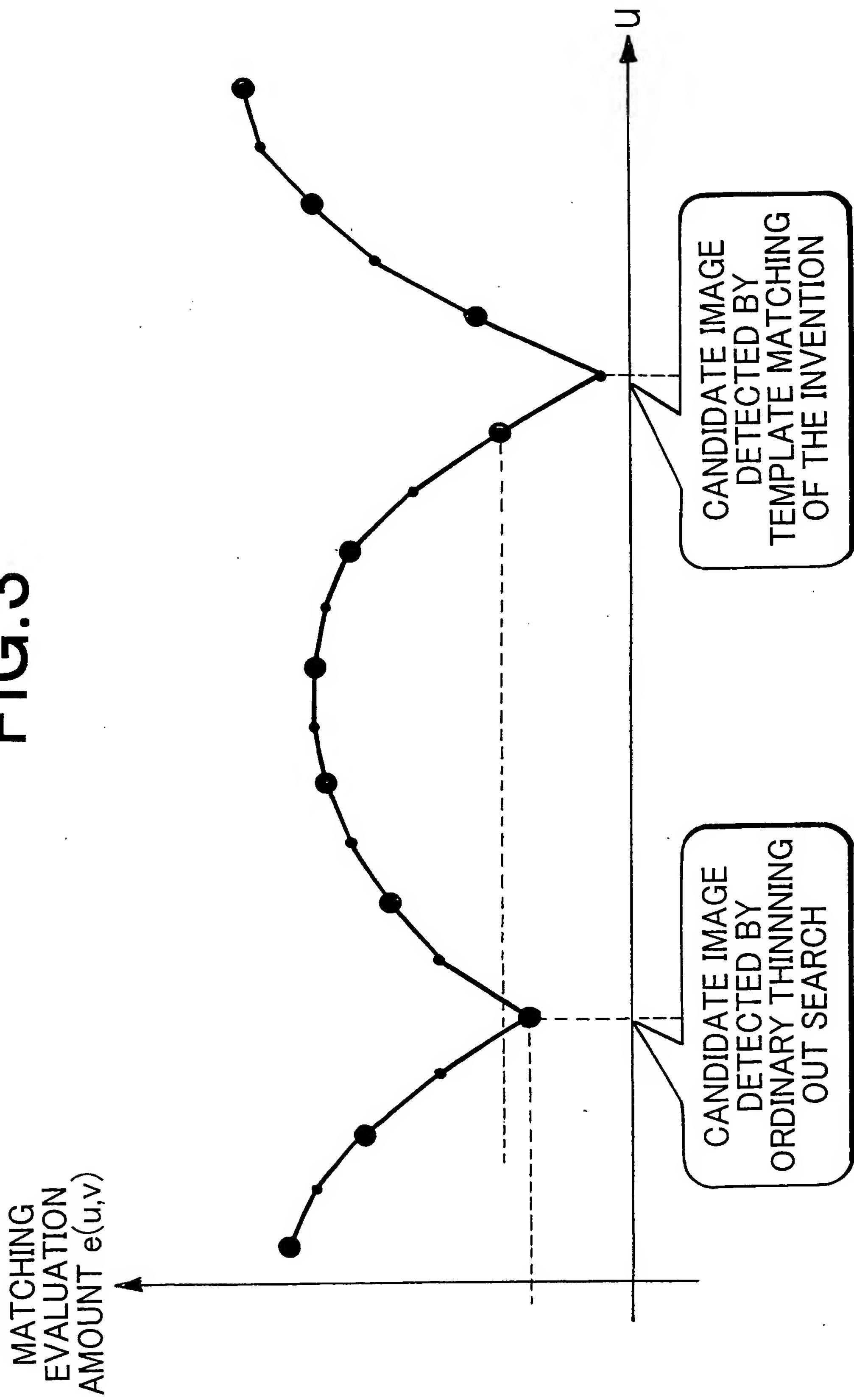
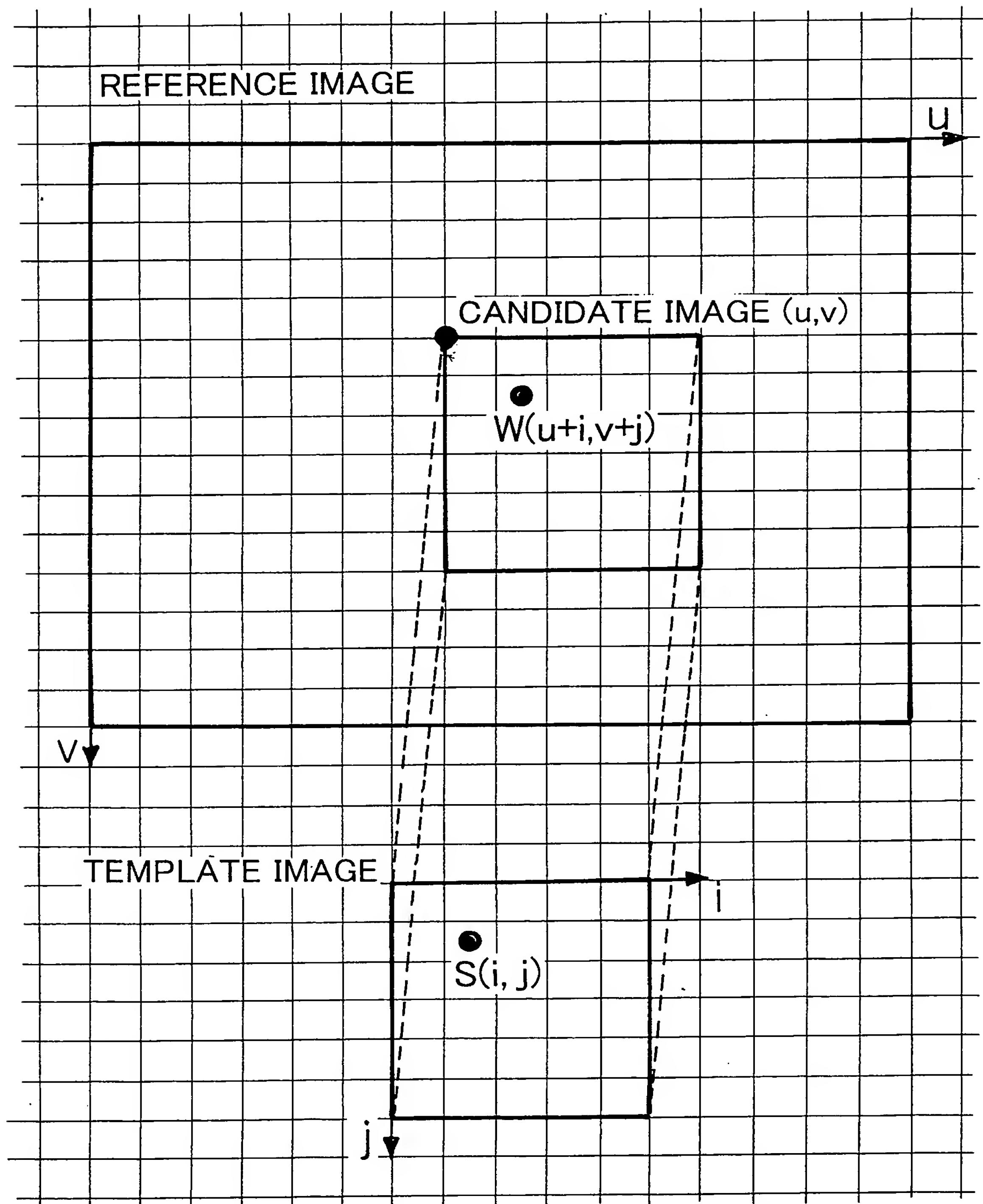


FIG.4



**Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
AND RECORDING MEDIUM THAT
RECORDS PROGRAM FOR IT**

FIG. 5

(a) THINNING OUT AT 2-PIXEL INTERVALS IN VERTICAL AND LATERAL DIRECTIONS

1		1	2	1	2	1	2	1	2	1	1
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
3		3	4	3	4	3	4	3	4	3	3
1		1	2	1	2	1	2	1	2	1	1
1		1	2	1	2	1	2	1	2	1	1

(b) THINNING OUT AT 2-PIXEL INTERVALS IN LATERAL DIRECTION 1

(c) THINNING OUT AT 2-PIXEL INTERVALS IN LATERAL DIRECTION 2

FIG. 6

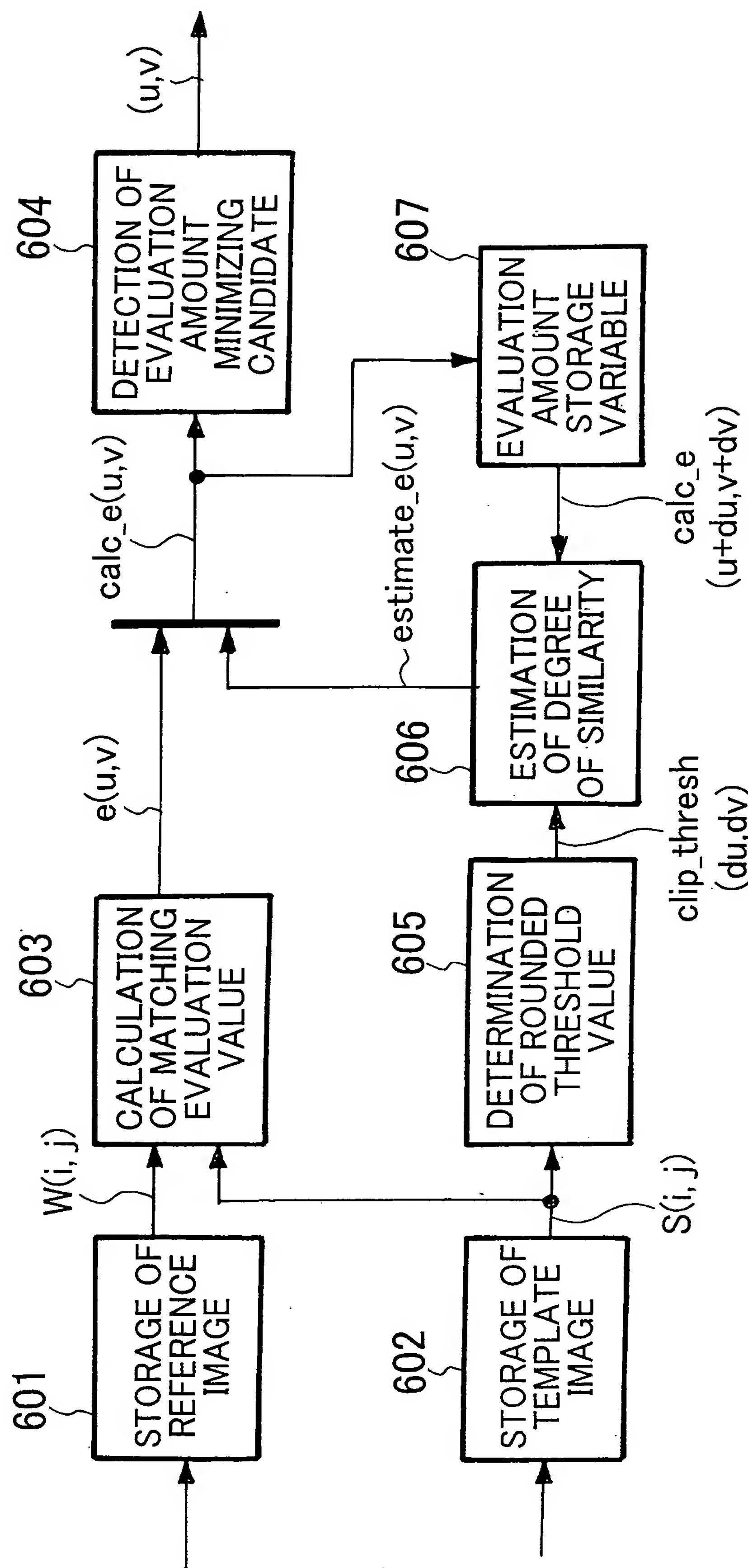
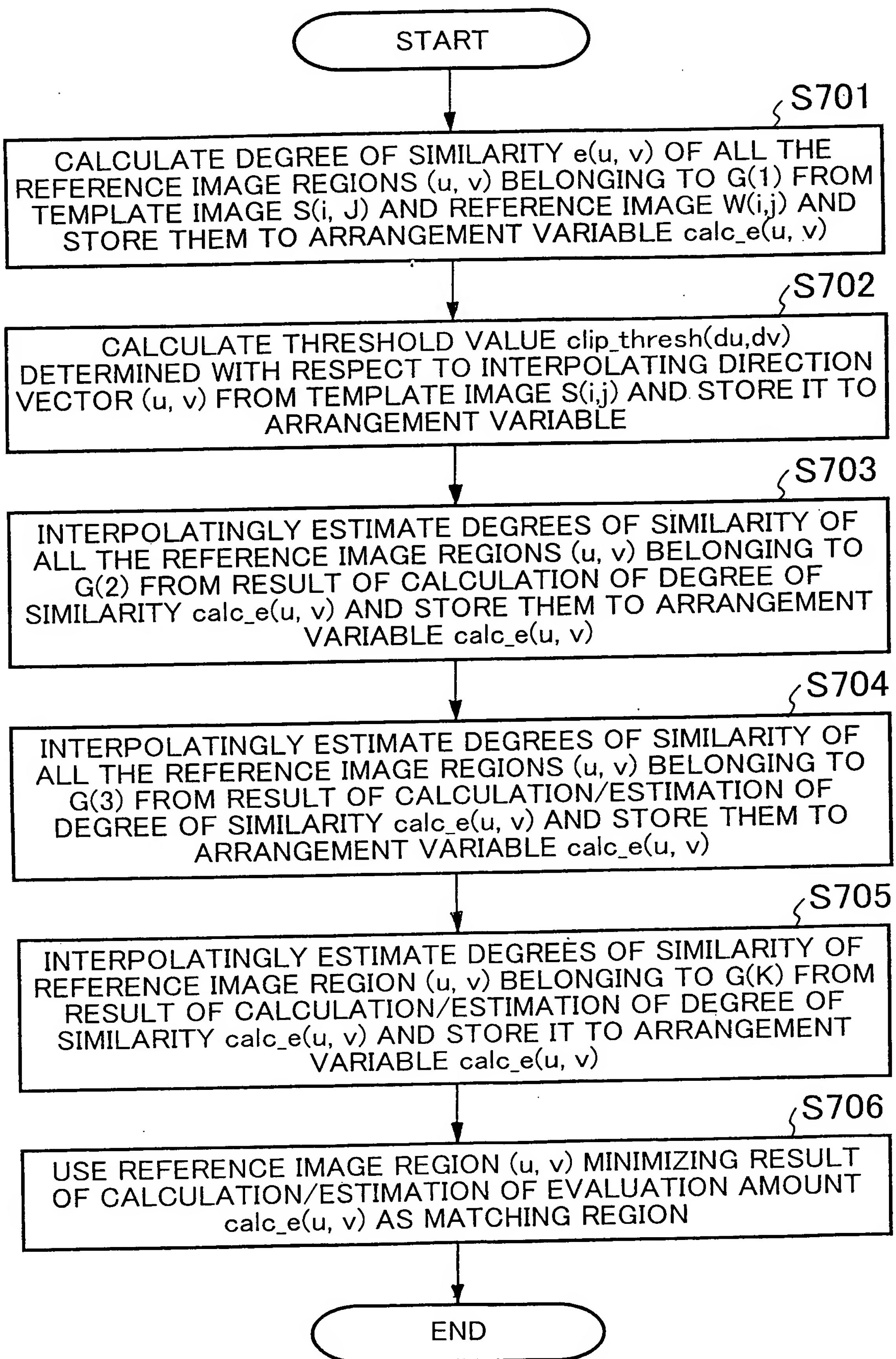


FIG. 7



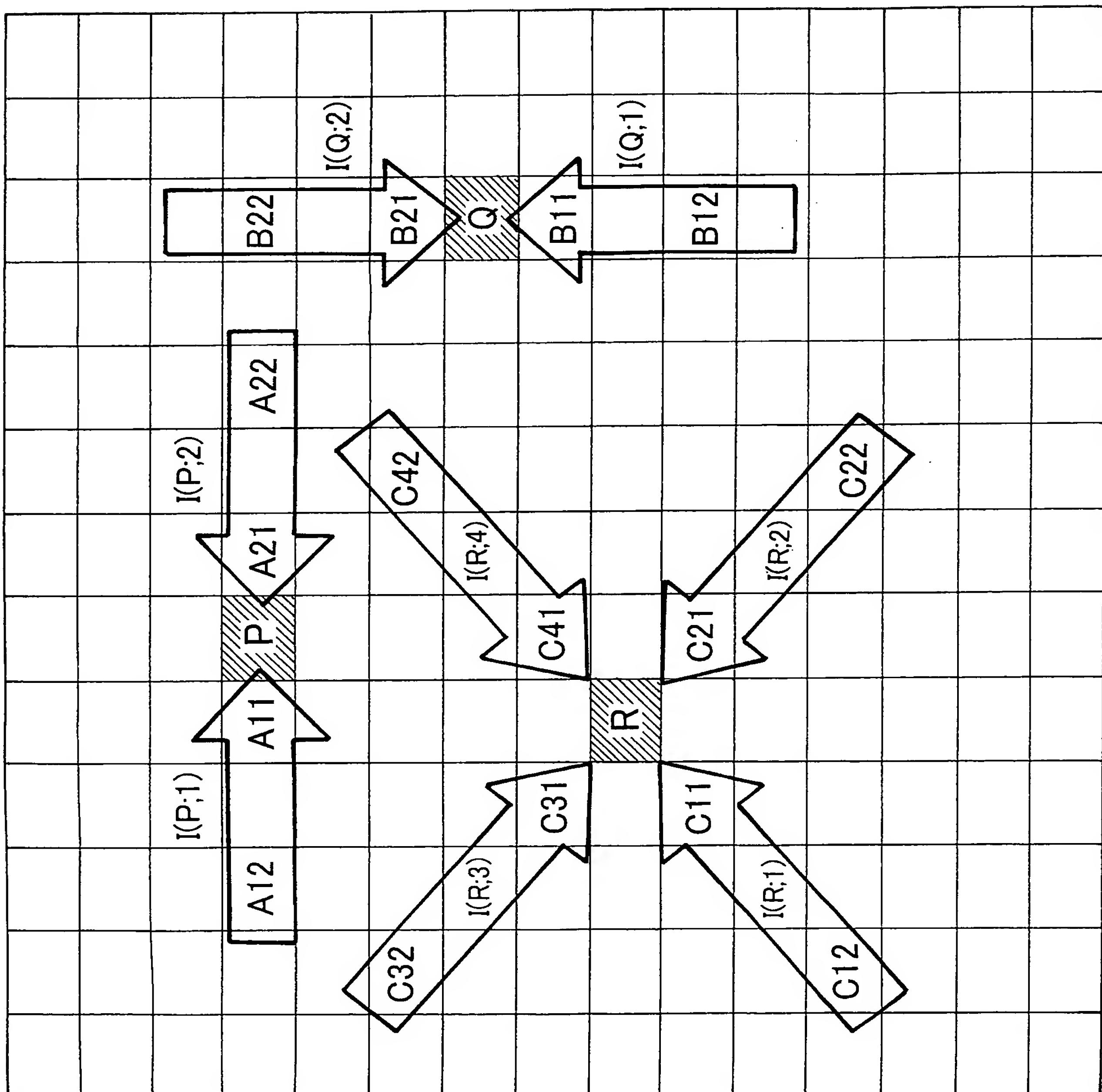
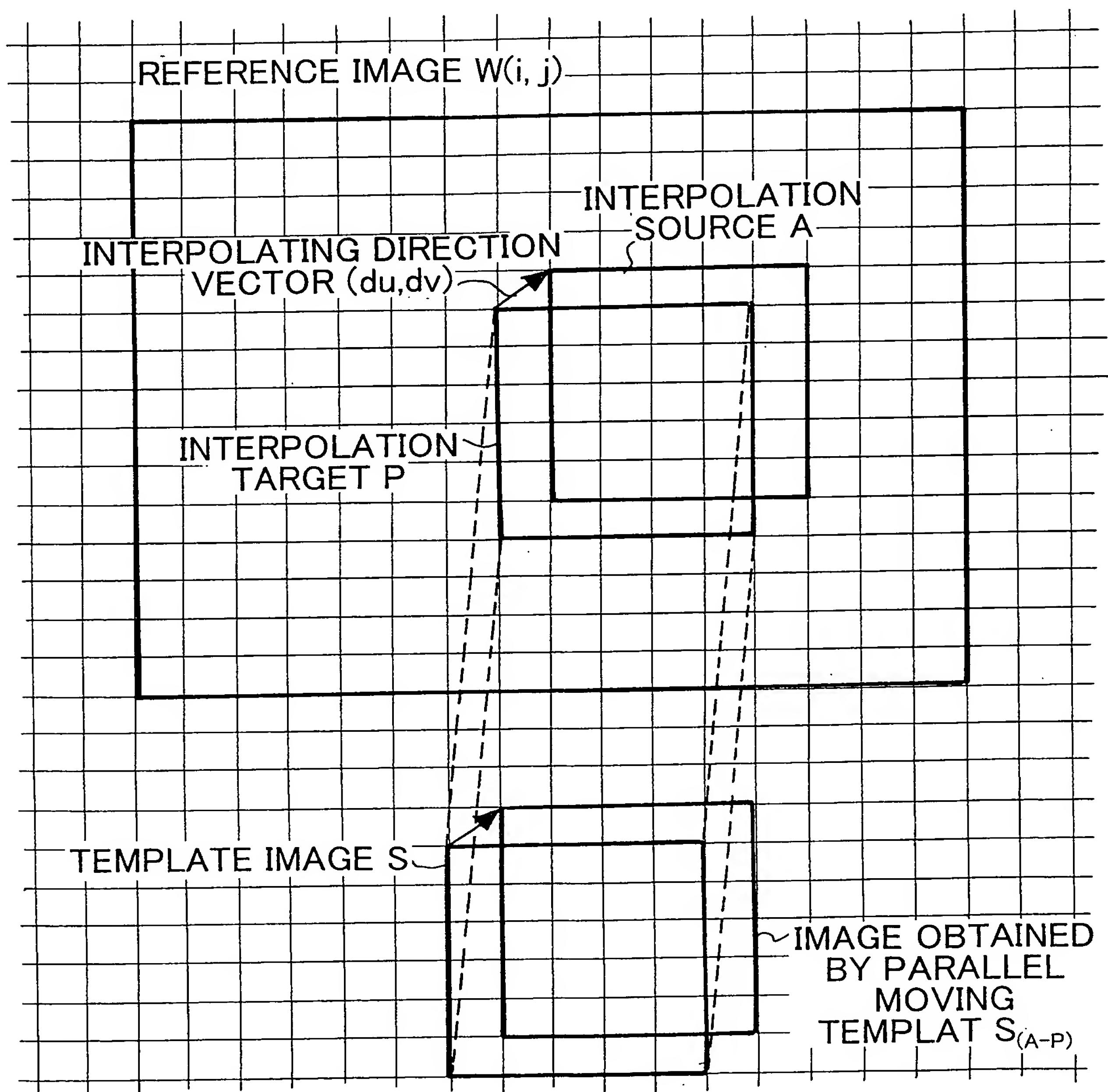


FIG. 8

FIG. 9

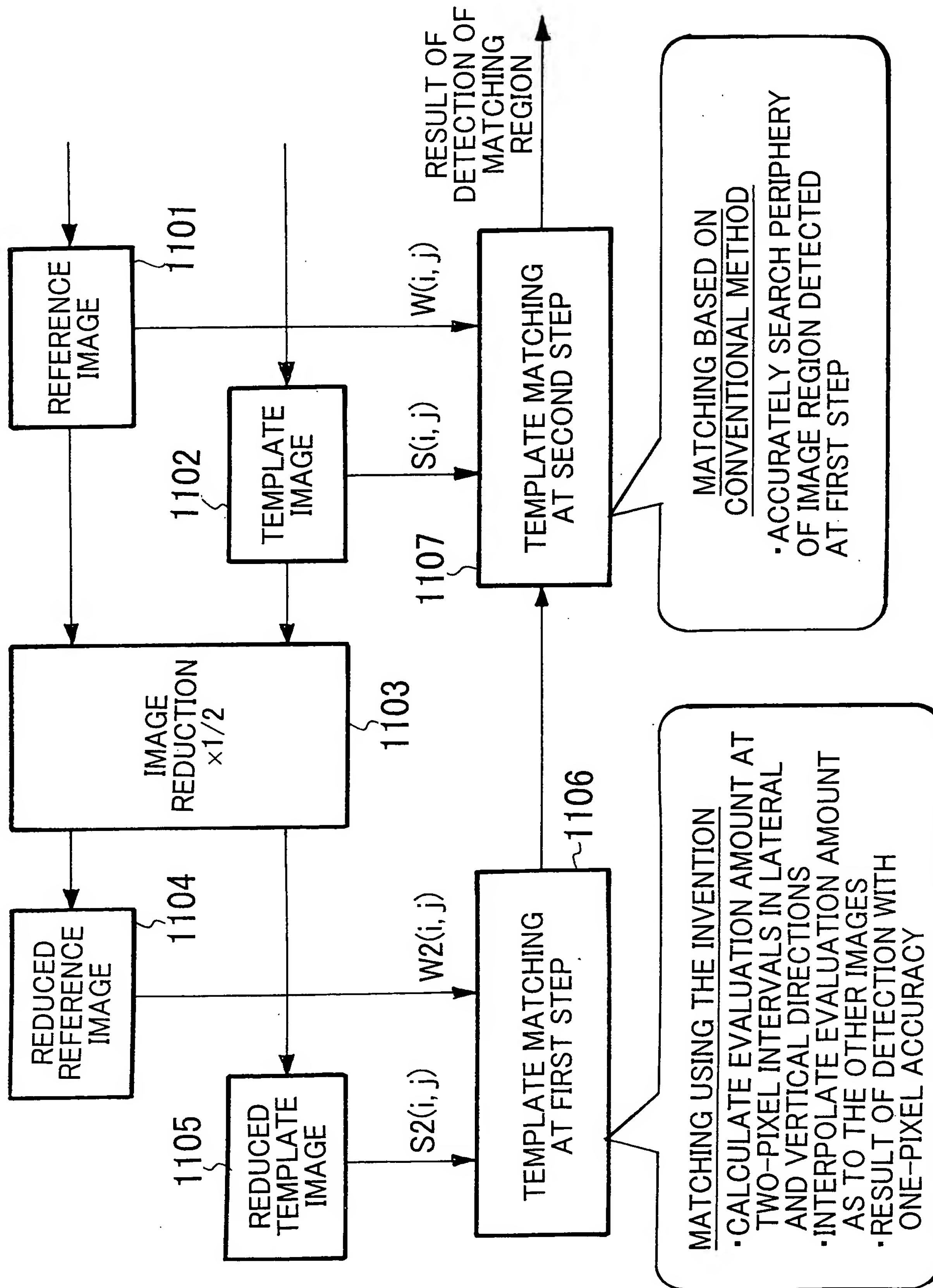


**Title: TEMPLATE MATCHING METHOD,
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Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

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FIG. 11



Title: TEMPLATE MATCHING METHOD,
TEMPLATE MATCHING APPARATUS,
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Inventor(s): Atsushi HATABU
DOCKET NO.: 040447-0286

FIG. 12

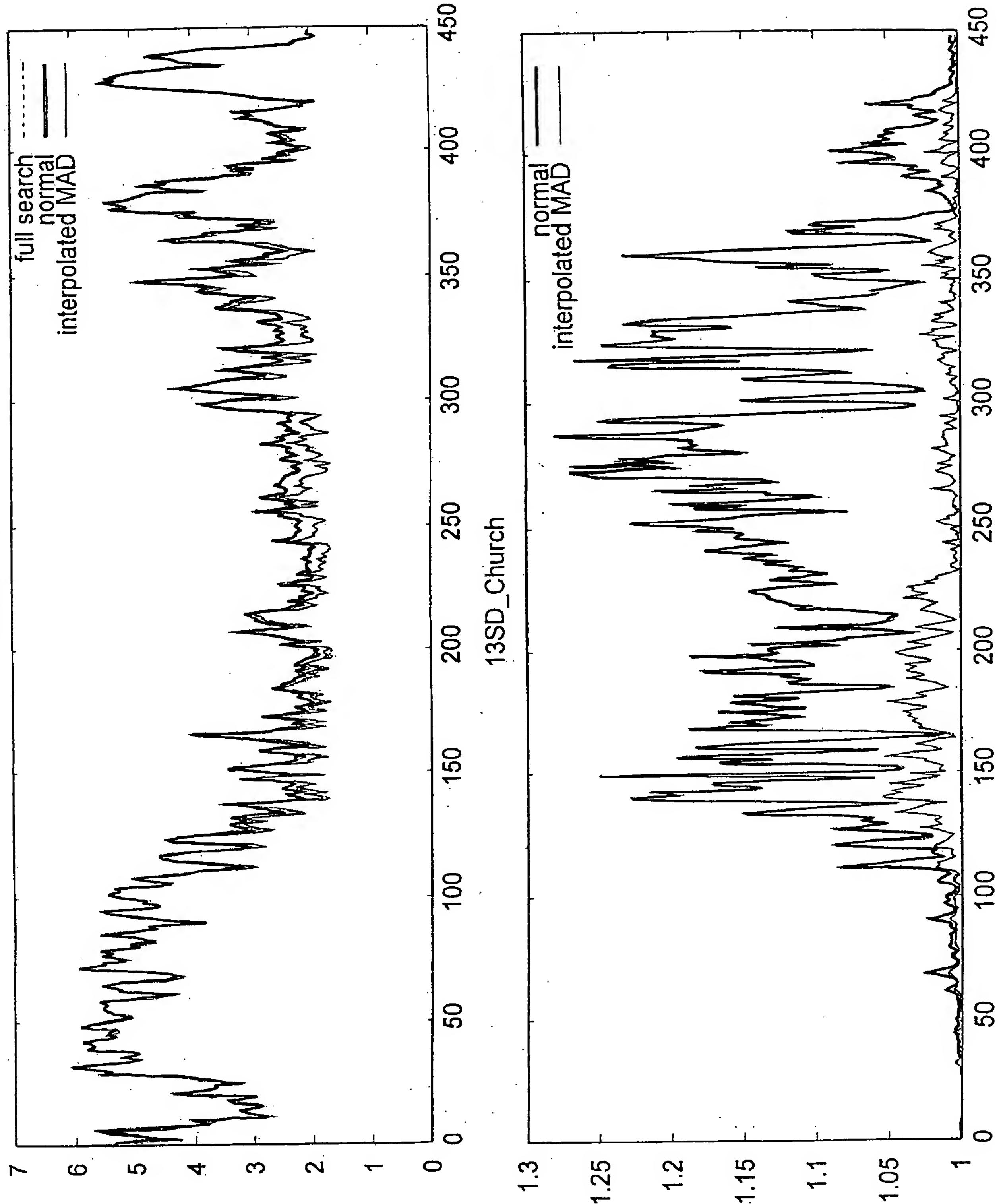
COMPARISON OF AN AMOUNT OF CALCULATION NECESSARY TO TEMPLATE MATCHING

	NUMBER OF TIMES OF CALCULATION OF THE DIFFERENCE OF PIXELS
PRIOR ART A (ALL SEARCH METHOD)	278784
PRIOR ART B (MULTISTEP SEARCH METHOD)	20800
EMBODIMENT (PRESENT INVENTION + MULTISTEP SEARCH METHOD)	20928

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FIG. 13

13SD_Church



Title: TEMPLATE MATCHING METHOD,
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FIG. 14

